

Seminar

Title: Alternative Membrane Bioreactors – Energy Issues

Speaker: Prof. Michael Semmens

University of Michigan

Time: 10:00 (am) Sep. 5, 2011 (Monday)

Place: Meeting room 311, IPE Mansion



Education

B.Sc., Chemical Engineering, 1968, Imperial College of Science and Technology, London, U.K.

M.S., Environmental Engineering, 1970, Harvard University

Ph.D., Environmental Engineering, 1973, University College, London, U.K.

Research Interests

- Chemical and physical processes for water, wastewater, and hazardous waste treatment
- Membrane applications in water and waste water treatment
- Membrane bioreactor design
- The design of composite membranes and membrane modules for environmental applications
- Passive barrier membranes for in-situ bioremediation of chlorinated organic compounds
- Biofilms grown on gas-permeable membranes

Experience

- Project Engineer, Hazen & Sawyer Engineers, New York, NY, 1968-69
- Assistant Professor, Department of Civil Engineering, University of Illinois, Champaign, IL, 1973-77
- Visiting Associate Professor, Department of Civil Engineering, University of New South Wales, Sydney, Australia, 1982-83
- Visiting Professor, School of Water Sciences, Cranfield University, Bedford, England 1991-92